

MAKING DIRT ROADS BETTER

Foreman Must Know What, How and When to Plow—Avoid Building Up Too Much at One Time.

(By E. VAN BENTHUYSEN.)

With a sandy soil and a subsoil of clay, or clay and gravel, plow deep so as to raise and mix the clay with the surface soil and sand. The combination forms a sand-clay road at trifling expense.

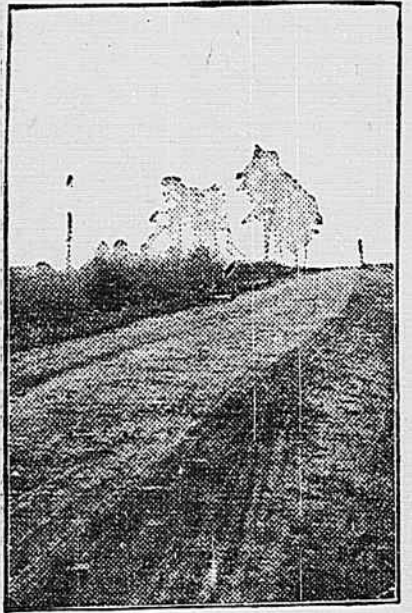
If the road be entirely of sand a mistake will be made if it is plowed, unless clay can be added. Such plowing would merely deepen the sand, and at the same time break up the small amount of hard surface material which may have formed.

If the subsoil is clay, and the surface scant in sand or gravel, plowing should not be resorted to, as it would result in a clay surface rather than one of sand or gravel.

A road foreman must know not only what to plow and what not to plow, but how and when to plow.

If the road is of the kind which, according to the above instructions, should be plowed over its whole width, the best method is to run the first furrow in the middle of the road and work out to the sides, thus forming a crown. Results from such plowing are greatest in spring or early summer.

In ditches a plow can be used to good advantage, but should be followed by a scraper or grader. To make wide, deep ditches nothing better than the ordinary drag scraper has



Virginia Road After Improvement With Top Soil Gravel.

yet been devised. For hauls under 100 feet, or in making "fills," it is especially serviceable.

It is a mistake, however, to attempt to handle long-haul material with this scraper, as the wheel-scraper is better adapted to such work. For hauls of more than 800 feet, a wagon should be used. The machine most generally used in road work is the grader or road machine. This machine is especially useful in smoothing and crowning the road and in opening ditches.

A clay subsoil under a thin coating of soil should not be disturbed with a grader. It is also a mistake to use a grader indiscriminately and to pull material from ditches upon a sandy road.

Not infrequently turf, soil and silt from ditch bottoms are piled in the middle of the road in a ridge, making mudholes a certainty. It is important in using a grader to avoid building up the road too much at one time. A road gradually built up by frequent use of the grader will last better than if completed at one operation.

The foreman frequently thinks his road must be high in the first instance. He piles up material from ten inches to a foot in depth, only to learn, with the arrival of the first rain, that he has furnished the material for so many inches of mud. All material should be brought up in thin layers, each layer well puddled and firmly packed by a roller or traffic before the next is added. A common mistake is to crown too high with the road machine on a narrow road.

The split-log drag should be used to fill the ruts and smooth the road when not too badly washed. The drag possesses great merit and is so simple in construction and operation that every farmer should have one.

Road Building Habit.
The road building habit is confined to no one locality. It has a footing in 48 states. All classes take to it.

For Best Results.
The little attention that the earth road needs must be given promptly and at the proper time if the best results are to be obtained.

Good Roads Advocates.
It is gratifying to observe that every owner of an automobile immediately becomes an advocate of good roads.

The Road Drag.
The road drag is the simplest and least expensive contrivance yet devised for maintaining earth roads.

LOVE'S MESSENGER

By GEORGE M. GOUGH.

(Copyright, 1914, by W. G. Chapman.)

There were two lonely, longing hearts in Reedville and both beat especially in unison. The possessors of the hearts were practically prisoners, beating desperately but in vain at the cruel bars of fate put up by relentless parents.

Earle Rodney loved Marah Ellis and she fairly idolized him. He was twenty and she seventeen. Their families were wealthy, but the heads of the families were in enmity in both business and social relations. Mr. Ellis had nipped budding affections in their infancy when he discovered that Marah had engaged herself to Earle. The father of the latter sat down upon the glowing hopes of his impressive son ponderously.

Marah was kept practically a prisoner in charge of a vigilant duenna, pending shipment to some isolated relative at a distance.

Meantime poor Earle wandered about the extensive home grounds, read, smoked and grieved. He expected every hour to hear that his lady-love had been sent away, or to receive a mandate to begin his own irksome exile. Lolling in a hammock one afternoon his interest was awakened as a kite came whirling down with a dive, landing in a thorn bush, and lay there pierced and tangled.

"Hey, mister!" hailed an anxious-faced lad a few moments later, mounting the garden wall, "that's my kite."

"Well, come and get it," directed Earle, and then, interested in any circumstances that alleviated the tedium of the hours, he assisted the boy in getting the kite extricated from the greenery. He was tying up two pieces of broken tail when a sudden idea shot through his mind in a vivid glow of brilliancy.

"See, here," he said abruptly, "do you want to make a dollar?"

"Me? Oh, my!" ejaculated his juvenile visitor in a sort of ecstasy.

"You know where the Ellis people live?"

"Oh, sure I do."

"Could you break your kite loose, or arrange it any way so you could get an excuse to go into their garden, just as you have here?"

"Sure I could," asserted the lad confidently.

"Then, see here," and Earle whispered in the boy's ear the substance of a deep, dark plot. Then he wrote a note and handed it with a dollar bill to the boy.

"Now, remember," he warned, "give the note to nobody but Miss Ellis. You land the kite while she's about the garden."

"Oh, I understand!" grinned the intelligent lad.

Now the plot was carried out. The expert kite flyer manipulated his air sailer just as he deftly calculated. The kite fell within the walled-in garden of the Ellis grounds.

That note told Marah to steal from the house at dusk, to reach a certain remote corner of the garden. A light rope ladder would be thrown over the wall. She would fall into her lover's arms on the other side.

There would be a hurried scurry to a sheltering grove of trees a bit farther on, where a closed carriage would be waiting.

Then the nearest Gretna Green. Oh, how easy! Oh, how delightful!

To a dot the plot went through. Fluttering Marah reached the wall, scaled the ladder, dropped into a fond waiting clasp.

"My darling!" thrilled Earle.

"Oh, dear! What will become of all this?" breathed the quivering girl.

"Love, happiness, forgiveness!" declared Earle buoyantly. "Thunder!"

They had reached the carriage. He helped Marah in. She screamed. He got in himself and collapsed.

There, upon the rear seat, blandly smiling, were Dukes and Mrs. Faire.

"Discovered—baffled!" cried Earle.

"Mistake!" chuckled Dukes, benevolently.

"You heartless meddler!" flared out Marah to her duenna.

"Dear child!" smiled Mrs. Faire, blandly.

"So near happiness!" murmured Earle.

"Nearer than ever, my boy!" chuckled Dukes.

"I won't go back to that—that prison!" sobbed Marah.

"Never!" assured her duenna. "Mr. Dukes, tell them."

"Why, yes," said Dukes, "we're not going to take you back. We're going with you."

"Going—"

"With you."

"Where?"

"To the elopement. Double affair—see?"

"No, I don't," said Earle.

"Well, our hearts have bled for you," explained Mrs. Faire. "We've been your friends all along. Only, you see, we would lose our situations if we helped you—"

"So, meeting Mrs. Faire, the finest woman in the world," added Dukes, "we decided to resign and get married. I've a small plum of a fortune—"

"And I a sister who will be glad to house you over the honeymoon," supplemented Mrs. Faire.

"Get up!" ordered Dukes to the driver.

And away they sped to Gretna Green, a double wedding, a week of felicity, a telegram of forgiveness, and another verification of the sweet world-wide maxim, that "love laughs at locksmiths!"

SOME KITCHEN KNICKS

METHODS THAT MAY BE NEW TO MANY HOUSEWIVES.

Tiles Always Best When One Can Afford Them—Keeping the Dishcloth Fresh—Linoleum for the Floor Covering.

Tiles are so clean and nice if one is able to afford them. The young wife who has them will never regret the outlay, although they are rather expensive at the start. Round the kitchen walls they are splendid and most hygienic in every way.

The back of the sink is bound to get splashed with the washing up after each meal. Therefore here it is essential to have either tiles or zinc or something of the kind through which the water cannot penetrate. Zinc answers the purpose quite well if securely nailed flat against the wall. This is easily cleaned daily with a little dry brickdust.

The tiles, of course, are ideal, as all they need is a washdown with warm water daily.

A little enamel basket is so useful in the sink for tea leaves and such things which are more than likely to go down the sink and eventually stop it up. It is shaped so that it fits into the corner of the sink, perforated with holes, so that all liquid passes away, leaving the solid bodies in the basket.

Nothing is more unpleasant than a greasy dishcloth. To keep this important article fresh and sweet, it should be scalded each time after use, or else washed out thoroughly in hot water and rinsed well in several waters.

A plate rack fixed above the sink is a great saving of labor. Plates put in the rack must be rinsed in cold water after being washed in hot, if you do not want them to be smudgy.

When roasting meat, use a double meat tin. Put cold water in the under one. This prevents the dripping burning and also keeps it from boiling away.

Plenty of hot water is essential for dish washing. Collect all the silver. Place the knives blade downward in a jug of hot water. Pile up the plates neatly. A little arrangement saves the muddle one so often sees in connection with washing up. Wash all the cleanest things first to save the water. Rinse glass in cold water after washing in hot and polish well with a dry, clean cloth.

The most useful and healthy floor covering for the kitchen is linoleum. Inlaid linoleum is the best to purchase. Here the pattern goes right through and therefore will be perfect to the last.

Clean your windows when the sun is not shining, for if the sun shines on a wet window no amount of rubbing will prevent it from being streaky when dry. Avoid a frosty day, too, as the glass is apt to break easily then. Dust the windows thoroughly. Wash the glass with a sponge wrung out in tepid water with a few drops of ammonia in it. Dry with a clean cloth (with no fluff on it). Polish with pads of newspaper.

The Cook Says.

If your market basket or clothes basket of willow shows a few loose ends, put it to soak for twenty minutes or half an hour in lukewarm water.

A good way to do is to put the basket into the bathtub, resting it on the part that is to be repaired, then turn in enough water to soak this part. The important thing is to get the willow ends soft and pliable.

When this is accomplished the strips can be readily bent back into place, and if you push them in firmly, they will stay in place when dry. Never try to bend the willow strips while they are dry, as they will be sure to snap off.

A putty knife, with its short handle and broad blade, is an indispensable tool in the kitchen. It can be used for turning hash, fritters and fish. Its broad end is also most useful in scraping pots and pans.

Grease Spots on Woolen Clothing.
For removing greasy spots on black woolen clothing the following is excellent: Make a solution of borax and warm water and wash the soiled article in it, then rinse in clear water and dry in the sun. This is a good way to clean men's coat collars.

To Wash White Silk.
Add a tablespoonful of ammonia to every two quarts of warm water. Don't use soap. Dip garment up and down, and when it looks clean place in clean water, rinse and iron before dry.

To Clean Copper.
Copper articles that have become discolored can be made to look new again by rubbing them with lemon dipped in salt and afterward rinsing in clear hot water and polishing with a soft cloth.

When Boiling Milk.
When boiling milk, if a few spoonfuls of water is put into the saucepan, first letting it boil rapidly for a few minutes before the milk is added, the milk will not burn, however hot the fire may be.

To Keep Silver Bright.
To keep silver bright that is not in use, lay a piece of gum camphor in the drawer or box in which the silver is kept, and you will find that the silver will not require so much polishing.

Auditor's Notice.

All persons owning property of any kind whatsoever, or in any capacity, as husband, guardian, executor, administrator or trustees are required to make returns of the same to the Auditor under oath within the time mentioned below and the Auditor is required by law to add a penalty of 50 per cent to all property that is not returned on or before the 20th day of February in any year.

All male citizens between the ages of 21 and 60 years except those exempt by law are deemed taxable polls. The 50 per cent penalty will be added for failure to make returns.

For the convenience of tax payers, I or my representative will be at the following appointed places on the dates mentioned to receive tax returns:

Roper, Wednesday Jan. 13.
Meriwether, Thursday Jan. 14.
Collier, Friday Jan. 15.
Red Hill, Saturday Jan. 16.
Clark's Monday Jan. 18.
Modoc, Tuesday Jan. 19.
Parkville, Wednesday Jan. 20.
Plum Branch, Thursday Jan. 21.
Morgan's Store Friday Jan. 22.
Liberty Hill, Saturday Jan. 23.
Cleora, Monday Jan. 25.
Pleasant Lane, Tuesday Jan. 26.
Meeting Street, Wednesday Jan. 27.
Johnston, Thursday Jan. 28.
Herrin's Store, Friday Jan. 29.
Trenton, Saturday Jan. 30.

The office will be open to receive returns from the first day of January till the 20th day of February as prescribed by law.

J. R. TIMMERMAN,
Auditor, E. C. S. C.

V. A. Hemstreet & Bro.

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CARTRIDGES, ETC.

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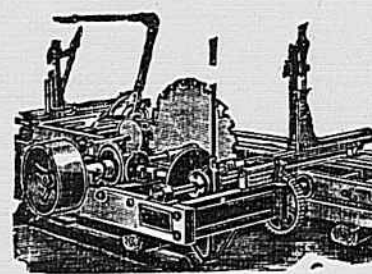
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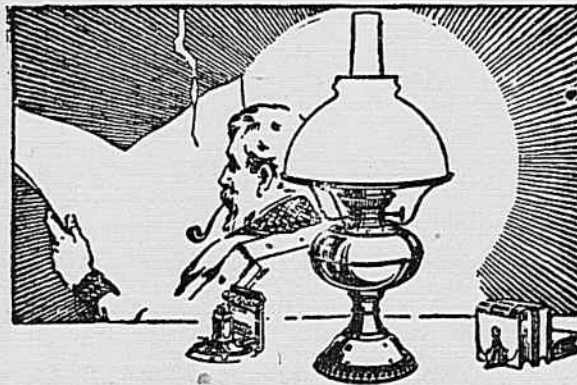


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Treasurer's Notice.

The County Treasurer's office will be open for the purpose of receiving taxes from the 15th day of October 1914 to the 15th day of March 1915.

All taxes shall be due and payable between the 15th day of October, 1914, and December 31st, 1914.

That when taxes charged shall not be paid by December 31st, 1914, the County Auditor shall proceed to add a penalty of one per cent for January, and if taxes are not paid on or before February 1st, 1915, the County Auditor will proceed to add two per cent, and five per cent from the 1st of March to the 15th of March, after which time all unpaid taxes will be collected by the Sheriff.

The tax levies for the year 1914 are as follows:

For State purposes	6 mills
Ordinary county	5 "
Special county	1 "
Cons. school tax	3 "

SPECIAL TAX.

" Antioch S. D.	2 "
" Pickens Bacon S. D.	4 "
" Pickens Bacon R. R.	3 "
" Shaw Bacon school	4 "
" Part Blocker R. R.	12 "
" Part Collier Sp. school	3 "
" Flat Rock S. D.	3 "
" Oak Grove S. D.	3 "
" Prescott S. D.	3 "
" Red Hill S. D.	4 "
" Edgefield Pickens school	5 "
" Edgefield Pickens R. R.	3 "
" Edgefield Pickens Corp'n	10 "
" Edgefield school building	2 "
" Edgefield Wise school bld'g	2 "
" Edgefield Wise Corp'n	10 "
" Edgefield R. R.	11-4 "
" Edgefield Wise school	5 "
" portion Elmwood school	2 "
" portion Elmwood R. R.	12 "
" Elmwood S. D. No 38 school	2 "
" Elmwood S. D. No 3 R. R.	12 "
" Elmwood Long Cane R. R.	12 "
" Elmwood Long Cane school	3 "
" P. Pickens Long Cane R. R.	3 "
" Hibler S. D.	3 "
" Liberty Hill S. D.	3 "
" Johnston S. D.	8 "
" Johnston R. R.	3 "
" Moss S. D.	3 "
" Parkville S. D.	4 "
" Pickens R. R.	3 "
" Plum Branch S. D. No 15	5 "
" Shaw school	4 "
" Talbert school	2 "
" Pickens Trenton school	5 "
" Pickens Trenton R. R.	3 "
" Shaw Trenton school	5 "
" Wise Trenton school	5 "
" Wise Trenton R. R.	11-4 "
" Ward's school	2 "
" Modoc S. D.	2 "
" White Town S. D.	4 "
" Wise R. R.	11-4 "

The law prescribes that all male citizens between the ages of 18 and 55 years must pay \$2 commutation tax or work six days on the public roads. As this is optional with the individual, no commutation tax is included in the property tax. So ask for road tax receipt when you desire to pay road tax.

JAMES T. MIMS,
Co. Treas. E. C.

Citation.

The State of South Carolina,
County of Edgefield.

By W. T. Kinnaird, Probate Judge.

Whereas, Mrs. Lillie DeLaughter made suit to me, to grant her Letters of Administration of the Estate of and effects of J. P. DeLaughter of above County and State.

These Are Therefore to cite and admonish all and singular the kindred and creditors of the said J. P. DeLaughter, deceased, that they be and appear before me, in the Court of Probate, to be held at Edgefield C. H., S. C., in my office on 11th day of February next, after publication thereof, at 11 o'clock in the forenoon, to show cause, if any they have, why the said Administration should not be granted.

Given under my Hand this 26th day of January A. D., 1915.

W. T. Kinnaird,
Jan. 27, 1915. J. P. E. C.

Notice.

All persons indebted to the estate of Mrs. Sarah F. Holder will make payment, and all persons holding claims against the said estate will forward the same, forthwith to the undersigned.

J. Wm. Thurmond, Attorney
for J. H. Holder, Adm'r.
Jan. 12, 1915.

Executrix Notice.

On the 18th day of February 1915, I will make a final settlement on the estate of O. J. Prince, deceased, and at said time will apply for my final discharge as Executrix. All persons interested will take due notice and govern themselves accordingly.

LULA HAMMOND,
Jan. 19, '15. Executrix.



GEO. F. MIMS

O P T O M E T R I S T

Eyes examined and glasses fitted only when necessary. Optical work of all kinds.

EDGEFIELD, S. C.